

New York State Department of Transportation

Yellow Flag NB22CTW021

By: Rehan Afridi

Flag Date: June 28, 2022

Superseding Information:

No Flags Superseded

Structure Information

BIN: 1065318

Feature Carried: 278I278IX2M23027

Feature Crossed: 6TH AVENUE

Orientation: 8 - NORTHWEST

Region: 11 - NEW YORK CITY

County: KINGS

Political Unit: City of NEW YORK

Approximate Year Built: 1962

Posted Load Matches Inventory : Yes

Bridge Load Posting (Tons) : Not Posted for Load

Primary Owner: New York State Department of Transportation

Primary Maintenance Responsibility: 12 - State - Subcontracted to another Party

Typical or Main Span Type: 3 - Steel, 02 - Stringer/Multi-Beam or Girder

This Bridge is not a Ramp

Number of Spans: 322

Verbal Notification Information

Person Notified: Heinz Joachim, P.E.

Date: June 28, 2022 12:00:00 PM

Of: NYSDOT Region 11

Signature Information

Signature: Rehan Afridi, P.E. 075185

Date: July 07, 2022

Reviewed By: Robert Kemp

Date: July 07, 2022

Attachments: 5

Flagged Elements

Parent Element	Element	Total Quantity	Unit
Span Number : 186			
	113 - Steel Stringer	104	ft
	PR831 - Steel Beam End	42	each

Flagged Condition Description

This Yellow Flag No. NB22CTW021 is NEW.

Location: Span 186, Stringer S2 at Pier 186 over 3rd Avenue Eastbound

Description: The end of Stringer S2 in Span 186 at Pier 186 exhibits two (2) vertical cracks at the right side connection angle, a 9-1/2"L crack and an 8"L crack (Photo 3). The Stringer S2 has repair plates at both faces of the web and at the bottom flange.

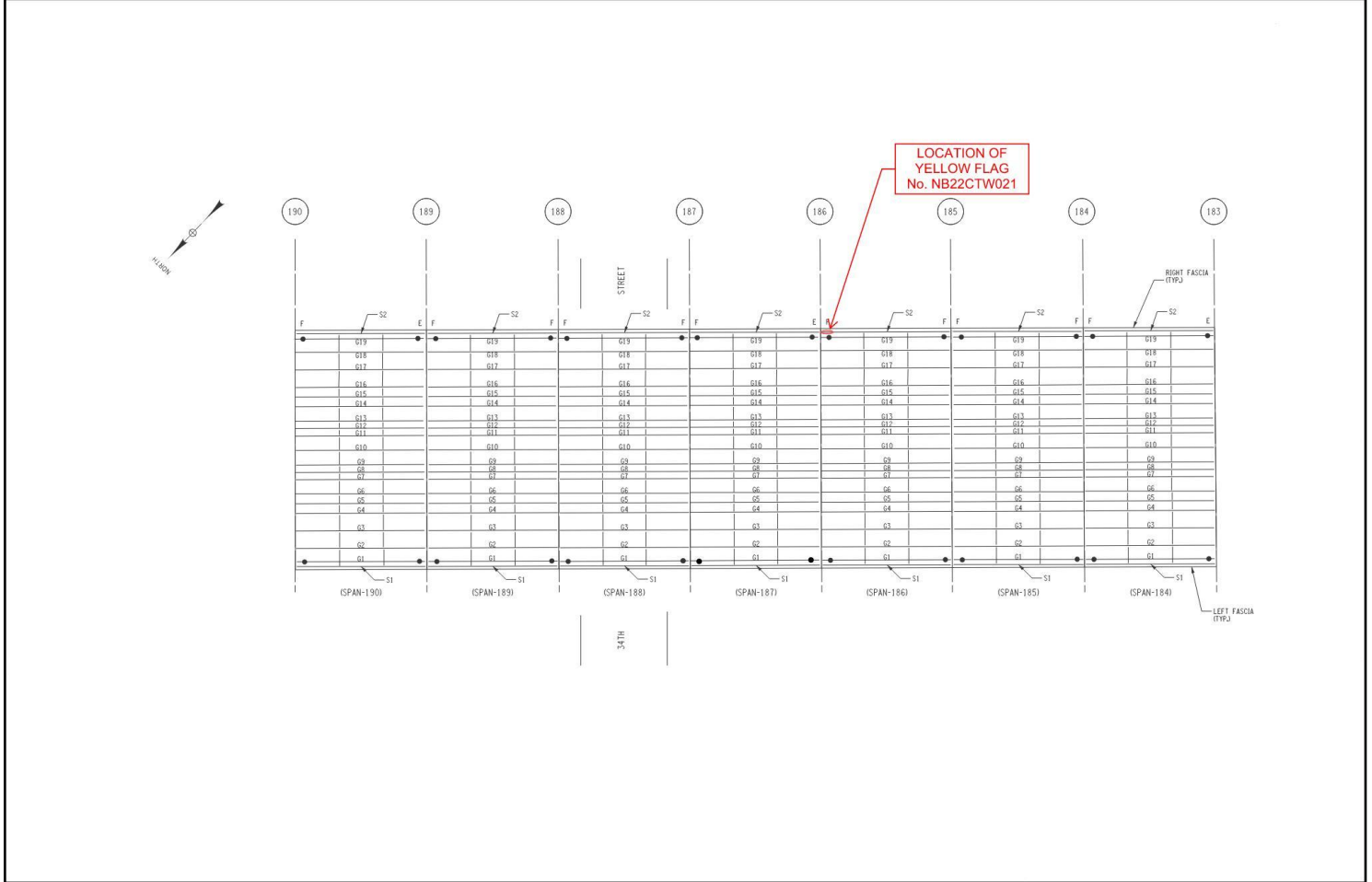
This flag has been issued for a new condition.

Notes:

- 1.Stringer S2 receives no direct live loading but supports the barrier/railing above on I278.
- 2.The adjacent Girder G19 (left side) spaced 2'-0" center to center is in fair condition.
- 3.Double left lane closure at 3rd Avenue In-Bound (Hugh Carey Tunnel) between 35th and 34th Streets, and a 35' bucket truck are required to access this location.

Flag Photographs

Photo Filename: **Span 186 - Framing Plan.jpg**



Attachment Description: Span 186 - Framing Plan

Photo Number: 2

Photo Filename: Flag Detail Sketch.jpg

Gowanus Expressway
2022 Biennial Inspection - Field Sketch

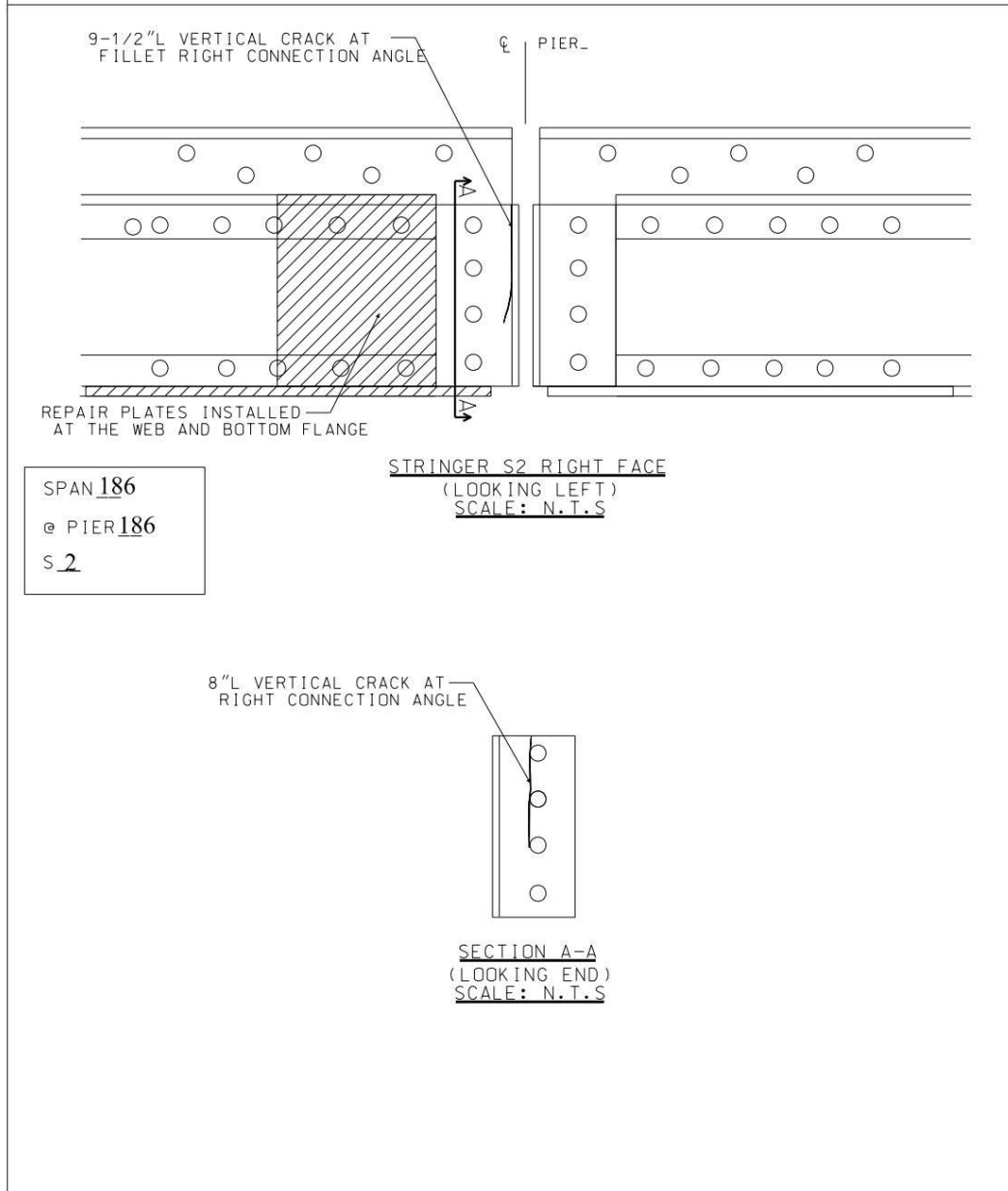
BIN: 1065318

Team: RA/MP

Date: 06/28/2022

Span: 186

Location: S2 @ Pier 186



Attachment Description: Flag Detail Sketch

Photo Number: 3

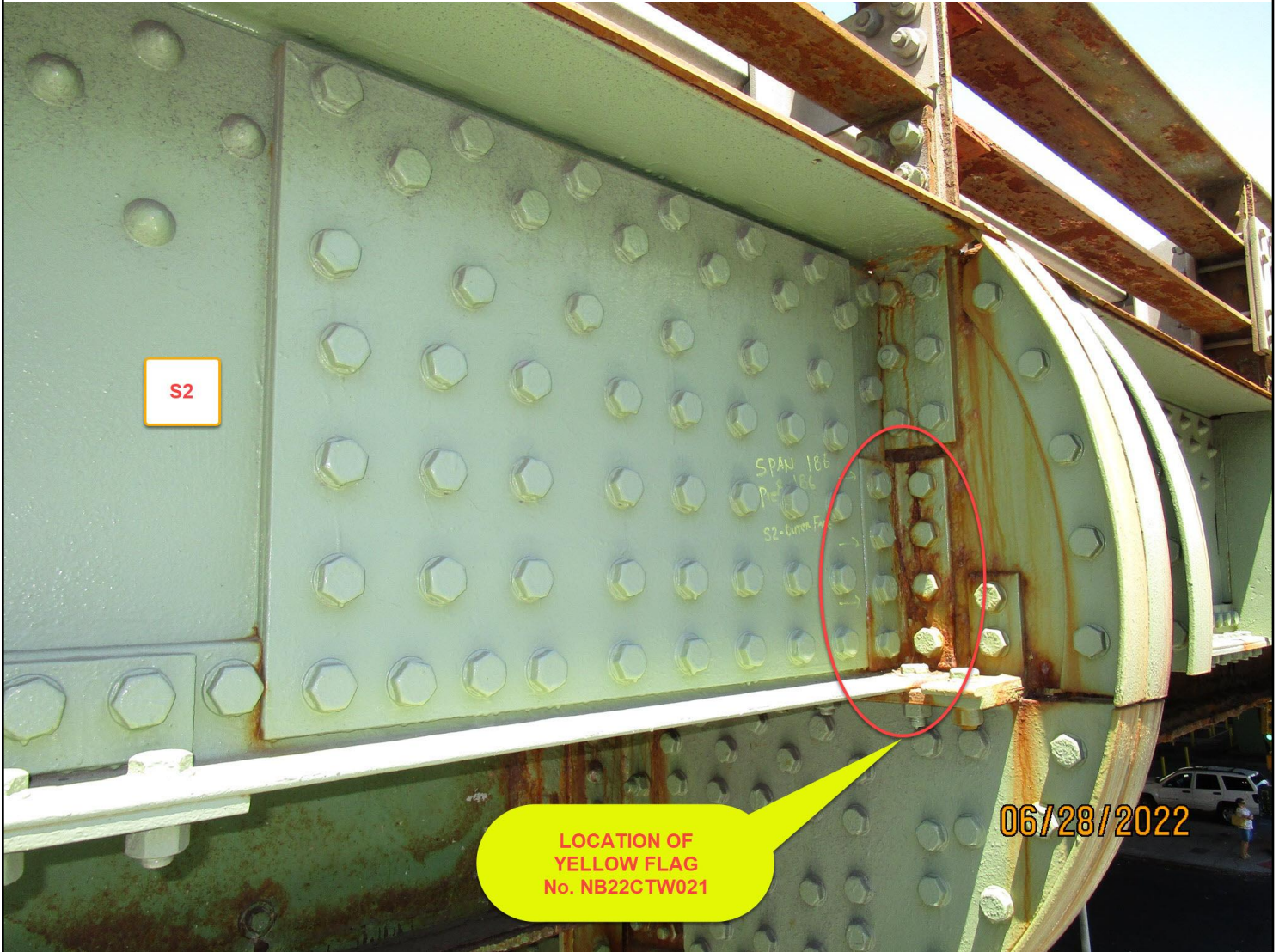
Photo Filename: Photo 1-RA 651_2282.jpg



Attachment Description: Location: General view of the flagged condition at Span 186 Stringer S2 at Pier 186. Looking End.

Photo Number: 4

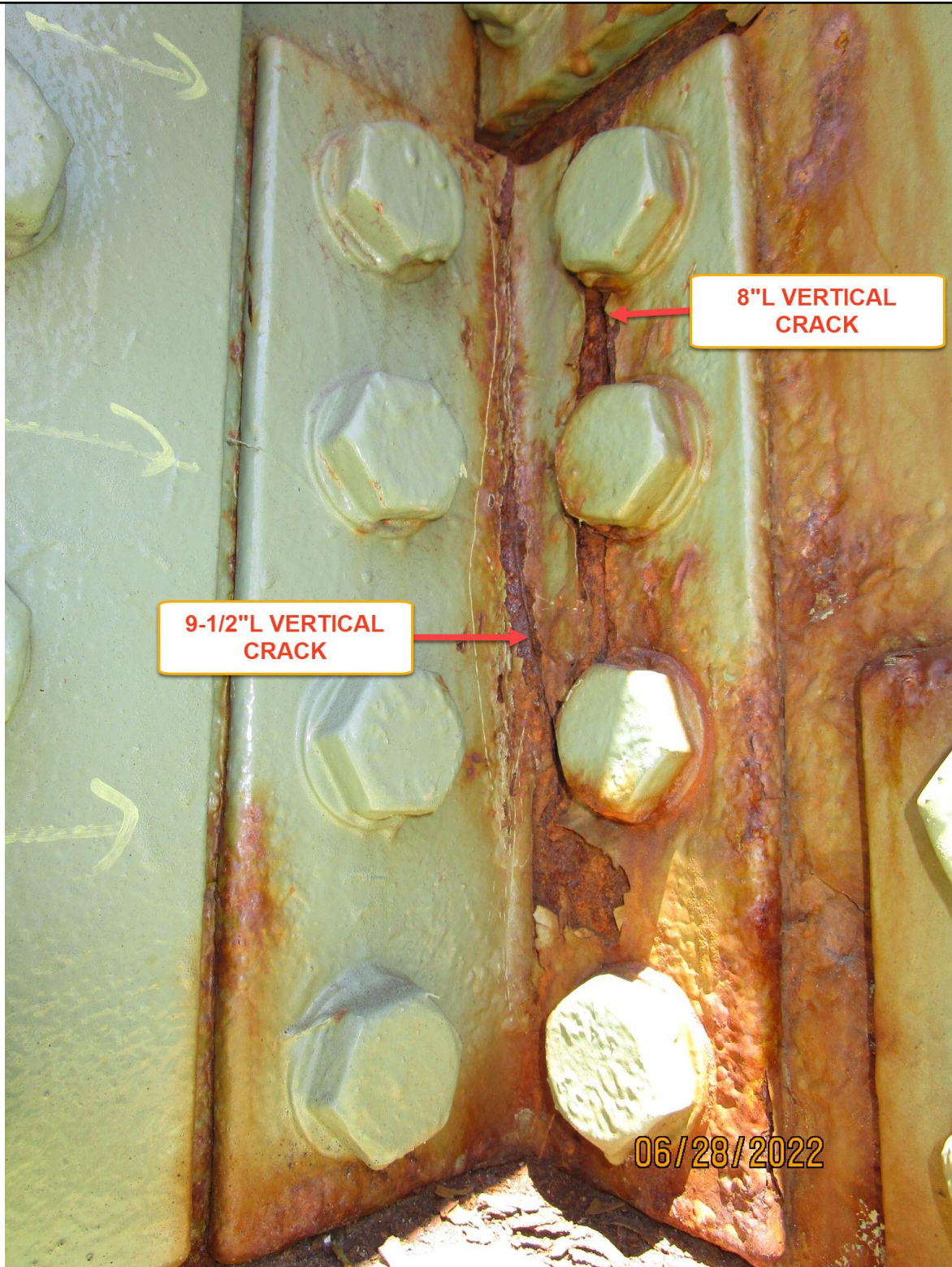
Photo Filename: Photo 2-RA 651_2246.jpg



Attachment Description: Location: Close up general view of the flagged condition at Span 186 Stringer S2 at Pier 186. Looking End - Left.

Photo Number: 5

Photo Filename: Photo 3-RA 651_2248.jpg



Attachment Description: Location: The end of Stringer S2 in Span 186 at Pier 186 exhibits two (2) vertical cracks at the right side connection angle, a 9-1/2"L crack and an 8"L crack. The Stringer S2 has repair plates at both faces of the web and at the bottom flange. Looking End-Left